PALM Intranet

Application Number [   ] [Submit]

IDS Flag Clearance for Application 10662987

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2005-04-07	28	Y ☑	2008-01-07 09:06:20.0	wstarks
[Update]					

Google™
Patent Search ◯ BETA

| +("training" OR train OR smell | | Search Patents |

Lowercase **"or"** was ignored. Try **"OR"** to search for either of two terms. [details]

Patents Patents **1 - 4** on **+("training" OR train OR learn) +(sniff or smell OR scent) +(local OR localized)**.

Sort by relevance | Sort by date (new first) | Sort by date (old first)

Did you mean: **+("training" OR train OR learn) +(sniff or smell OR scent) +(locally OR localized)**

Non-detonable and non-explosive explosive simulators
US Pat. 5648636 - Filed May 9, 1995 - Regents of the University of California
In the past, this dog **training** has been such as the olfactory sense of dogs or
... phase which is rich in the dog to **learn** to **sniff**-out certain explosives. ...

Method and apparatus for detecting target objects
US Pat. 6843158 - Filed May 2, 2002
Such materials may also possess a novel **scent** which the animal can be ... of the
trained animal to recognize and **sniff** out this particular **scent** would lead ...

Method for fabricating non-detonable explosive simulants
US Pat. 5413812 - Filed Apr 1, 1994 - The Regents of the University of California
... same **smell** or **scent** as the actual explosive and RS-01-AB, are set forth
hereinafter in Table I: and thus enable the dog to **learn** to **sniff**-out certain ...

Non-detonable explosive simulators
US Pat. 5359936 - Filed Mar 8, 1993 - Regents of the University of California
The simulators would produce the same **smell** or **scent** as the actual explosive and
thus enable the dog to **learn** to **sniff**-out certain explosives. ...

| +("training" OR train OR learn) +(sniff or smel | | Search Patents |

Google Patent Search Help | Advanced Patent Search

Google Home - About Google - About Google Patent Search

IEEE Xplore®
RELEASE 2.4

**Welcome United States Patent and Trademark Office**

■□■Search Results

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "(((('training' or train or learn) and (sniff or smell or scent) and (local or localized))<in>..."
Your search matched **1** of **1719207** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

New [Beta]
Application Notes
POWERED BY
GLOBALSPEC

» **Search Options**

View Session History

New Search

» **Key**

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

(((('training' or train or learn) and (sniff or smell or scent) and (local or localized))<in>m

Search ▶

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

IEEE/IET	**Books**	**Educational Courses**

Books published by IEEE Press and IEEE Computer Society Press in partnership with John Wiley & Sons, Inc.

⌐ **view selected items**   **Select All Deselect All**

☐   1. **Could olfactory displays improve data visualization?**
          Washburn, D.A.; Jones, L.M.;
          Computing in Science & Engineering [see also IEEE Computational Science and Engineering]
          Volume 6, Issue 6, Nov.-Dec. 2004 Page(s):80 - 83
          Digital Object Identifier 10.1109/MCSE.2004.66

          AbstractPlus | References | Full Text: PDF(616 KB)   IEEE JNL
          Rights and Permissions

Help   Contac
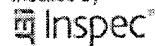
Indexed by
🔳 Inspec®

© Copy

P❂RTAL

USPTO

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used:
training OR **train** OR **learn** AND **sniff** or **smell** OR **scent** AND **local** OR **localized**

Found **29,215** of **216,412**

Sort results by   [relevance   ▼]
Display results   [expanded form ▼]

📖 Save results to a Binder
⬚ Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ▭ ▬ ◼ ■

1 Exploiting perception in high-fidelity virtual environments: Exploiting perception in ◼
high-fidelity virtual environments
Additional presentations from the 24th course are available on the citation page
Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Diego Gutierrez
July 2006   **ACM SIGGRAPH 2006 Courses SIGGRAPH '06**
Publisher: ACM Press
Full text available: 📄 pdf(5.07 MB) ⦿ Additional Information: full citation, appendices and supplements,
        mov(68:6 MIN)   abstract, references, cited by, index terms

> The objective of this course is to provide an introduction to the issues that must be
> considered when building high-fidelity 3D engaging shared virtual environments. The
> principles of human perception guide important development of algorithms and techniques
> in collaboration, graphical, auditory, and haptic rendering. We aim to show how human
> perception is exploited to achieve realism in high fidelity environments within the
> constraints of available finite computational resources.In this course w ...

> **Keywords**: collaborative environments, haptics, high-fidelity rendering, human-computer
> interaction, multi-user, networked applications, perception, virtual reality

2 Making things public: democracy and government-funded videogames and virtual ◼
reality simulations
Elizabeth Losh
July 2006   **Proceedings of the 2006 ACM SIGGRAPH symposium on Videogames
        sandbox '06**
Publisher: ACM Press
Full text available: 📄 pdf(326.48 KB)   Additional Information: full citation, abstract, references, index terms

> This paper discusses two computer graphics-intensive projects at the University of
> Southern California that are being developed with funding from the U.S. military: *Tactical
> Iraqi*, a computer game designed to accelerate a soldier's acquisition of spoken Arabic to
> assist in volatile tactical situations, and *Virtual Iraq*, a virtual reality simulation intended to
> lessen the effects of Post-Traumatic Stress Disorder among combat veterans. Both
> initiatives have received extensive nation ...

> **Keywords**: computer game, digital experience, exposure therapy, foreign language
> learning, public rhetoric, virtual reality

3 The palace of memory: virtual tourism and tours of duty in *Tactical Iraqi* and *Virtual*

Iraq
Elizabeth Losh
December 2006 **Proceedings of the 2006 international conference on Game research and development CyberGames '06**
Publisher: Murdoch University
Full text available: pdf(595.15 KB)   Additional Information: full citation, abstract, references, index terms

This paper discusses two projects developed at the University of Southern California with funding from the U.S. military: *Tactical Iraqi*, a videogame that is designed to accelerate a learner's acquisition of spoken Arabic to assist in the rapid deployment of soldiers into volatile tactical situations, and *Virtual Iraq*, a virtual reality simulation intended to lessen the effects of Post-Traumatic Stress Disorder among combat veterans. Both programs specifically address issues of ...

Keywords: computer game, digital experience, exposure therapy, foreign language learning, method of loci, virtual reality

4 Mobility and sociability: Nokia sensor: from research to product
Per Persson, Younghee Jung
November 2005 **Proceedings of the 2005 conference on Designing for User eXperience DUX '05**
Publisher: AIGA: American Institute of Graphic Arts
Full text available: pdf(7.60 MB)   Additional Information: full citation, abstract, references

In May 2005, Nokia Sensor application became available to the public (www.nokia.com/sensor). This new mobile software allows mobile phone users to communicate within short-range distance via Bluetooth wireless technology without going through network operator. Creating the personal identity expression is at the core of Sensor. From there, Sensor users can discover each other's identity expressions and utilize a number of communication features as long as they are within the range of Bluetooth. T ...

Keywords: concept design, handheld devices and mobile computing, interaction design, product design, product management, prototyping, ubiquitous computing / smart environments, user studies, user-centered design / human-centered design

5 Analysis of navigability of Web applications for improving blind usability
Hironobu Takagi, Shin Saito, Kentarou Fukuda, Chieko Asakawa
September 2007 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 14 Issue 3
Publisher: ACM Press
Full text available: pdf(1.36 MB)   Additional Information: full citation, abstract, references, index terms

Various accessibility activities are improving blind access to the increasingly indispensable WWW. These approaches use various metrics to measure the Web's accessibility. "Ease of navigation" (navigability) is one of the crucial factors for blind usability, especially for complicated webpages used in portals and online shopping sites. However, it is difficult for automatic checking tools to evaluate the navigation capabilities even for a single webpage. Navigability issues for co ...

Keywords: Accessibility, Web accessibility, online shopping, usability testing, voice browsers

6 Physical interfaces: Supporting interspecies social awareness: using peripheral displays for distributed pack awareness
Demi Mankoff, Anind Dey, Jennifer Mankoff, Ken Mankoff
October 2005 **Proceedings of the 18th annual ACM symposium on User interface software and technology UIST '05**

Publisher: ACM Press

Full text available: 📄 pdf(4.08 MB)   Additional Information: full citation, abstract, references, index terms

In interspecies households, it is common for the non *homo sapien* members to be isolated and ignored for many hours each day when humans are out of the house or working. For pack animals, such as canines, information about a pack member's extended pack interactions (outside of the nuclear household) could help to mitigate this social isolation. We have developed a Pack Activity Watch System: Allowing Broad Interspecies Love In Telecommunication with Internet-Enabled Sociability (PAWSABILIT ...

Keywords: awareness, dogs, interspecies interaction, peripheral displays

7   Technique for automatically correcting words in text

Karen Kukich
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available: 📄 pdf(6.23 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Research aimed at correcting words in text has focused on three progressively more difficult problems:(1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction

8   The relational model for database management: version 2

E. F. Codd
January 1990 Book

Publisher: Addison-Wesley Longman Publishing Co., Inc.

Full text available: 📄 pdf(28.61 MB)   Additional Information: full citation, abstract, references, cited by, index terms, review

From the Preface (See Front Matter for full Preface)

An important adjunct to precision is a sound theoretical foundation. The relational model is solidly based on two parts of mathematics: firstorder predicate logic and the theory of relations. This book, however, does not dwell on the theoretical foundations, but rather on all the features of the relational model that I now perceive as important for database users, and therefore for DBMS vendors. My perceptions result from 20 y ...

9   Making Scents: aromatic output for HCI

Joseph Jofish Kaye
January 2004 **interactions**, Volume 11 Issue 1

Publisher: ACM Press

Full text available: 📄 pdf(726.75 KB)   Additional Information: full citation, references, citings, index terms
📄 html(42.52 KB)

10   The effects of information scent on visual search in the hyperbolic tree browser

Peter Pirolli, Stuart K. Card, Mija M. Van Der Wege
March 2003 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 10 Issue 1

Publisher: ACM Press

Full text available: pdf(2.37 MB)   Additional Information: full citation, abstract, references, citings, index terms

The Hyperbolic Tree is a focus + context information visualization that has been developed to amplify users' ability to navigate large tree-structured information systems. Information scent is a theoretical construct that captures one kind of interaction between task and display. Information scent is provided by task-relevant display cues, such as node labels on a tree that influence a user's visual search behavior and navigation decisions. An empirical Accuracy of Scent (AOS) score was develope ...

Keywords: Hyperbolic Tree, Information visualization, fisheye-lens visual search, focus+context, information foraging, information scent, interactive computer graphics

11 Data mining of multidimensional remotely sensed images

Robert F. Cromp, William J. Campbell

December 1993 **Proceedings of the second international conference on Information and knowledge management CIKM '93**

Publisher: ACM Press

Full text available: pdf(1.39 MB)   Additional Information: full citation, references, citings, index terms

12 Unconventional human computer interfaces

Steffi Beckhaus, Ernst Kruijff

August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**

Publisher: ACM Press

Full text available: pdf(2.89 MB)   Additional Information: full citation, abstract

This course focuses on how we can use the potential of the human body in experimental or unconventional interface techniques. It explores the biological or physiological characteristics of the separate parts of the body, from head to toe, and from skin to heart, showing how their sensor (input) and control (output) capabilities can be applied to human computer interfaces. We demonstrate a wide variety of applications that make use proven interfaces as well as extremely experimental systems. Exam ...

13 Special issue on knowledge representation

Ronald J. Brachman, Brian C. Smith

February 1980 **ACM SIGART Bulletin**, Issue 70

Publisher: ACM Press

Full text available: pdf(13.13 MB)   Additional Information: full citation, abstract, citings

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a survey of current knowledge representation research. We felt that there were twe useful functions such an issue could serve. First, we hoped to elicit a clear picture of how people working in this subdiscipline understand knowledge representation research, to illuminate the issues on which current research is focused, and to catalogue what approaches and techniques are currently being developed. Secon ...

14 Content session 2: machine learning in multimedia: Local image representations using pruned salient points with applications to CBIR

Hui Zhang, Rouhollah Rahmani, Sharath R. Cholleti, Sally A. Goldman

October 2006 **Proceedings of the 14th annual ACM international conference on Multimedia MULTIMEDIA '06**

Publisher: ACM Press

Full text available: pdf(405.51 KB)   Additional Information: full citation, abstract, references, index terms

Salient points are locations in an image where there is a significant variation with respect to a chosen image feature. Since the set of salient points in an image capture important local characteristics of that image, they can form the basis of a good image representation

for content-based image retrieval (CBIR). The features for a salient point should represent the local characteristic of that point so that the similarity between features indicates the similarity between the salient points. Tr ...

Keywords: content-based, feature representation, image retrieval, interest points, multiple instance learning, salient points

15 Coherent global motion percepts from stochastic local motions (abstract only)

D. W. Williams, R. Sekuler
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

A percept of global, coherent motion results when many different localized motion vectors are combined. We studied the percept with dynamic random dot kinematograms in which each element took an independent, random walk of constant step size. Directions of displacement from frame to frame were chosen from a uniform distribution. The tendency to see coherent, global flow along the mean of the uniform distribution varied with the range of the distribution.Psychometric functions were obtained with ...

16 Course 17: Spatial augmented reality: merging real and virtual worlds: Modern approaches to augmented reality
Video files associated with this course are available from the citation page
Oliver Bimber, Ramesh Raskar
August 2007 **ACM SIGGRAPH 2007 courses SIGGRAPH '07**
Publisher: ACM Press
Full text available: pdf(46.17 MB)   Additional Information: full citation, appendices and supplements, abstract, references, index terms

This tutorial discusses the Spatial Augmented Reality (SAR) concept, its advantages and limitations. It will present examples of state-of-the-art display configurations, appropriate real-time rendering techniques, details about hardware and software implementations, and current areas of application. Specifically, it will describe techniques for optical combination using single/multiple spatially aligned mirror-beam splitters, image sources, transparent screens and optical holograms. Furthermo ...

17 Industry/government track papers: Effective localized regression for damage detection in large complex mechanical structures
Aleksandar Lazarevic, Ramdev Kanapady, Chandrika Kamath
August 2004 **Proceedings of the tenth ACM SIGKDD international conference on Knowledge discovery and data mining KDD '04**
Publisher: ACM Press
Full text available: pdf(597.35 KB)   Additional Information: full citation, abstract, references, index terms

In this paper, we propose a novel data mining technique for the efficient damage detection within the large-scale complex mechanical structures. Every mechanical structure is defined by the set of finite elements that are called structure elements. Large-scale complex structures may have extremely large number of structure elements, and predicting the failure in every single element using the original set of natural frequencies as features is exceptionally time-consuming task. Traditional data m ...

Keywords: clustering, damage detection, localized regression, mechanical structures, structure elements

18 Training hard to learn networks using advanced simulated annealing methods
Bruce E. Rosen, James M. Goodwin
April 1994 **Proceedings of the 1994 ACM symposium on Applied computing SAC '94**
Publisher: ACM Press

Full text available: pdf(501.81 KB)   Additional Information: full citation, references, index terms

Keywords: backpropagation, neural networks, optimization, simulated annealing

19 Research directions in virtual environments: report of an NSF Invitational Workshop, March 23-24, 1992, University of North Carolina at Chapel Hill
Gary Bishop, Henry Fuchs
August 1992 **ACM SIGGRAPH Computer Graphics**, Volume 26 Issue 3
Publisher: ACM Press
Full text available: pdf(2.33 MB)   Additional Information: full citation, citings, index terms

20 Technical poster session 1: multimedia analysis, processing, and retrieval: An online-optimized incremental learning framework for video semantic classification
Jun Wu, Xian-Sheng Hua, Hong-Jiang Zhang, Bo Zhang
October 2004 **Proceedings of the 12th annual ACM international conference on Multimedia MULTIMEDIA '04**
Publisher: ACM Press
Full text available: pdf(156.75 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper considers the problems of feature variation and concept uncertainty in typical learning-based video semantic classification schemes. We proposed a new online semantic classification framework, termed OOIL (for Online-Optimized Incremental Learning), in which two sets of optimized classification models, local and global, are online trained by sufficiently exploiting both local and global statistic characteristics of videos. The global models are pre-trained on a relatively small set ...

Keywords: concept drifting, incremental learning, video analysis, video semantic classification

Results 1 - 20 of 200   Result page: **1**   2   3   4   5   6   7   8   9   10   next

PORTAL
(acm)

USPTO

Search: ⦿ The ACM Digital Library   ○ The Guide

("training" OR train OR learn) AND (sniff or smell OR scent) AN   SEARCH

THE ACM DIGITAL LIBRARY

ℸ Feedback Report a problem Satisfaction survey

Terms used:
training OR **train** OR **learn** AND **sniff** or **smell** OR **scent** AND **local** OR **localized**

Found **29,215** of **216,412**

Sort results by   [relevance ▼]
Display results   [expanded form ▼]

🖉 Save results to a Binder
⁇ Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 21 - 40 of 200   Result page: previous 1 **2** 3 4 5 6 7 8 9 10 . next
Best 200 shown   Relevance scale ☐ ▭ ◼ ◼ ◼

21 Short papers: A software engineering framework for biomedical diagnostic systems   ◼
Ilias Petrounias, Vassilis S. Kodogiannis
May 2006 **Proceedings of the 2006 international workshop on Workshop on interdisciplinary software engineering research WISER '06**
Publisher: ACM Press
Full text available: 📄 pdf(141.81 KB)   Additional Information: full citation, abstract, references, index terms

Development of intelligent systems to support biomedical applications differs for traditional approaches to systems development. A large number of features needs to be extracted from data and processing of these is not satisfactory by conventional approaches and individuals. Development of such systems greatly changes the amount and nature of information available to physicians, and also the work involved in treating patients. Intelligent systems are learning-based and that makes them easier to ...

Keywords: biomedical diagnostic systems, neural networks

22 Discriminative learning for differing training and test distributions   ◼
Steffen Bickel, Michael Brückner, Tobias Scheffer
June 2007 **Proceedings of the 24th international conference on Machine learning ICML '07**
Publisher: ACM Press
Full text available: 📄 pdf(284.64 KB)   Additional Information: full citation, abstract, references

We address classification problems for which the training instances are governed by a distribution that is allowed to differ arbitrarily from the test distribution---problems also referred to as classification under covariate shift. We derive a solution that is purely discriminative: neither training nor test distribution are modeled explicitly. We formulate the general problem of learning under covariate shift as an integrated optimization problem. We derive a kernel logistic regression clas ...

23 Training a wireless sensor network   ◼
A. Wadaa, S. Olariu, L. Wilson, M. Eltoweissy, K. Jones
February 2005 **Mobile Networks and Applications**, Volume 10 Issue 1-2
Publisher: Kluwer Academic Publishers
Full text available: 📄 pdf(487.16 KB)   Additional Information: full citation, abstract, references, citings, index terms

The networks considered in this paper consist of tiny energy-constrained commodity sensors massively deployed, along with one or more sink nodes providing interface to the outside world. Our contribution is to propose a scalable energy-efficient training protocol for nodes that are initially anonymous, asynchronous and unaware of their location. Our

training protocol imposes a flexible and intuitive coordinate system onto the deployment area and partitions the anonymous nodes into clusters where ...

Keywords: clustering, dynamic coordinate system, energy-efficient protocols, security, self-organization, training, wireless sensor networks

---

24 Oral session 1: image/video/learning: Tracking concept drifting with an online-optimized incremental learning framework
Jun Wu, Dayong Ding, Xian-Sheng Hua, Bo Zhang
November 2005 **Proceedings of the 7th ACM SIGMM international workshop on Multimedia information retrieval MIR '05**
Publisher: ACM Press
Full text available: pdf(395.54 KB)   Additional Information: full citation, abstract, references, index terms

Concept drifting is an important and challenging research issue in the field of machine learning. This paper mainly addresses the issue of semantic concept drifting in time series such as video streams over a relatively long period of time. An Online-Optimized Incremental Learning framework is proposed as an example learning system for tracking the drifting concepts. Furthermore, a set of measures are defined to track the process of concept drifting in the learning system. These tracking measure ...

Keywords: TREC video retrieval evaluation, concept drifting, gaussian mixture model, incremental learning, video content analysis

---

25 A multiple track animator system for motion synchronization (abstract only)
D. Fortin, J. F. Lamy, D. Thalmann
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

MUTAN (MUltiple Track ANimator) is an interactive system for independently animating three-dimensional graphical objects. MUTAN can synchronize different motions; it is also a good tool for synchronizing motion with sound, music, light or smell. To indicate moments in time, marks are associated with appropriate frame numbers. MUTAN enables the marks to be manipulated. An animator can also adjust one motion without modifying the others. To make this possible, MUTAN handles several tracks at a tim ...

---

26 Hip, hype and hope—the three faces of virtual worlds (panel session)
Bob Jacobson, John Barlow, Esther Dyson, Timothy Leary, William Bricken, Warren Robinett, Jaron Lanier
August 1990 **ACM SIGGRAPH 90 Panel Proceedings SIGGRAPH '90**
Publisher: ACM Press
Full text available: pdf(5.03 MB)   Additional Information: full citation, index terms

---

27 Face recognition: A literature survey
W. Zhao, R. Chellappa, P. J. Phillips, A. Rosenfeld
December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4
Publisher: ACM Press
Full text available: pdf(4.28 MB)   Additional Information: full citation, abstract, references, citings, index terms

As one of the most successful applications of image analysis and understanding, face recognition has recently received significant attention, especially during the past several years. At least two reasons account for this trend: the first is the wide range of commercial and law enforcement applications, and the second is the availability of feasible technologies after 30 years of research. Even though current machine recognition systems

have reached a certain level of maturity, their success is ...

Keywords: Face recognition, person identification

28 Computing the velocity field along contours (abstract only)

Ellen C. Hildreth

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

In this paper, we present a computational study of the measurement of motion. Similar to other visual processes, the motion of elements is not determined uniquely by information in the changing image; additional constraint is required to compute a unique velocity field. Given this global ambiguity of motion, local measurements from the changing image cannot possibly specify a unique local velocity vector, and in fact, may only specify one component of velocity. Computation of the full two-dimens ...

29 Designing for specific cultures: Localized iterative design for language learning in underdeveloped regions: the PACE framework

Matthew Kam, Divya Ramachandran, Varun Devanathan, Anuj Tewari, John Canny

April 2007 **Proceedings of the SIGCHI conference on Human factors in computing systems CHI '07**

Publisher: ACM Press

Full text available: pdf(532.73 KB)   Additional Information: full citation, abstract, references, index terms

Poor literacy remains a decisive barrier to the economic empowerment of many people in the developing world. Of particular importance is literacy in a widely spoken "world language" such as English, which is typically a second language for these speakers. For complex reasons, schools are often not effective as vehicles for second language learning. In this paper we explore game-like language learning on cell phones. We argue that phones are an excellent technology platform in the typical ecol ...

Keywords: content development, developing world, digital divide, language learning, literacy, localization, third world

30 Representing and reasoning about change (abstract only)

Reid G. Simmons, Randall Davis

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

A recent trend in artificial intelligence research is the construction of expert systems capable of reasoning from a detailed model of the objects in their domain and the processes that affect those objects. We describe a system being built in this fashion, designed to solve a class of problems known as geologic interpretation: given a cross-section of the Earth's crust (showing formations, faults, intrusions, etc.), hypothesize a sequence of geologic events whose occurrence could have formed th ...

31 3D balance in legged locomotion: modeling and simulation for the one-legged case (abstract only)

Seshashayee S. Murthy, Marc H. Raibert

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

This paper explores the notion that the motion of dynamically stable 3D legged systems can be decomposed into a planar part that accounts for large leg and body motions that provide locomotion, and an extra-planar part that accounts for subtle corrective motions

that maintain planarity. The large planar motions raise and lower the legs to achieve stepping, and they propel the system forward. The extra-planar motions ensure that the legged system remains in the plane. A solution of this form is s ...

32 Knowledge-based animation (abstract only)

David Zeltzer
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

In constructing a goal-directed system for automatic motion synthesis for computer animation, the essential problem is to account for the extraordinary flexibility and adaptability exhibited by moving creatures. The selective *potentiation* and *depotentiation* of elements of a hierarchy of motor control programs is a key to the generation of adaptive motor control. The constraints on motion sequences are analyzed, and mechanisms for achieving continuity of movements are discussed. The ...

33 "Graphical marionette" (abstract only)

Carol M. Ginsberg, Delle Maxwell
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

Many person-modelling 3-D animation systems are currently being developed, but often suffer from confusing and elaborate user interfaces. Given over 200 degrees of freedom, the human form is capable of such intricate motion that its specification and display presents considerable difficulty to both animators and animation systems designers. Given such difficulties with single figures, the orchestration of several in parallel remains a major challenge. In pursuit of understanding thoroughly this ...

34 Motion analysis of grammatical processes in a visual-gestural language (abstract only)

Howard Poizner, Edward S. Klima, Ursula Bellugi, Robert B. Livingston
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

Movement of the hands and arms through space is an essential element both in the lexical structure of American Sign Language (ASL), and, most strikingly, in the grammatical structure of ASL: it is in patterned changes of the movement of signs that many grammatical attributes are represented. These grammatical attributes occur as an isolable superimposed layer of structure, as demonstrated by the accurate identification by deaf signers of these attributes presented only as dynamic point-light dis ...

35 Perceiving and recovering structure from events (abstract only)

James E. Cutting
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

How do perceivers identify a moving object as seen against a changing background? How do figure and ground separate? Such questions have engaged psychologists for at least seventy years. In particular, the Gestalt psychologists were deeply concerned with the latter, but had only the illdefined notion of *common fate*, or uniform density, for dealing with the former. The coherent flow of a moving object is seen, somehow, by extracting those aspects of the whole that segregate it from the gro ...

36 Selective attention to aspects of motion configurations: common vs. relative motion (abstract only)

James R. Pomerantz, Nelson Toth
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

> The motion of a dot configuration may be described as the sum of its relative (part) and common (whole) motion components. Is either of these two component dimensions extracted before the other in human perception? Reaction time data from selective attention experiments show that neither dimension can be responded to without interference from the other, implying that neither is processed more quickly than or ahead of the other. Following Garner's nomenclature, common and relative motions appear ...

37 The cross-ratio and the perception of motion and structure (abstract only)
William A. Simpson
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

> Followers of J. J. Gibson have proposed that the cross-ratio, a projective invariant for four collinear points, underlies the perception of objects in motion. Experiment 1 tested this theory by presenting subjects with displays of 3 or 4 dots rotating in depth. Accuracy was equally high in both conditions for motion and structure judgements, so the cross-ratio cannot be necessary. Experiments 2 and 3 tested the cue of lining up, and some evidence for its use was found. The results are consistent ...

38 Perception of rotation in depth: the psychophysical evidence (abstract only)
Myron L. Braunstein
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

> There are a variety of ways in which motion in the environment can provide information about three-dimensional relationships. One transformation that has received increasing attention in both the visual perception literature and in the machine vision literature is rotation in depth. This transformation, which includes any rigid rotation other than a rotation about the line of sight, can provide both a strong impression of depth and specific information about three-dimensional relationships in a ...

39 Multicomputer architectures for real-time perception (abstract only)
Leonard Uhr
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

> This paper examines the computing demands that must be met by a system capable of scene description and perception of real-world moving objects. A brief survey is made of the major different kinds of computer systems that have been built, or designed, and of the different sources of potential speed-up of processing that have been exploited. Finally, a number of alternative possible hardware architectures that might be capable of handling real-time perception of moving objects are suggested, and ...

40 A hybrid approach to structure-from-motion (abstract only)
Aaron Bobick
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

> A method is presented for computing structure from the motion of rigid objects which are rotating about a fixed axis. The input consists of two discrete frames containing the positions and instantaneous direction vectors of three points in orthographic projection.

Because only the direction of the velocity vectors and not their magnitudes is needed, the method is insensitive to errors in velocity magnitude estimation. This type of computation could be important in recovering the 3-dimensional st ...

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player

P❊RTAL

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: ◉ The ACM Digital Library   ○ The Guide

("training" OR train OR learn) AND (sniff or smell OR scent) AN| **SEARCH**

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used:
training OR **train** OR **learn** AND **sniff** or **smell** OR **scent** AND **local** OR **localized**

Found **29,215** of **216,412**

Sort results by [relevance ▾]

Display results [expanded form ▾]

📗 Save results to a Binder
🔖 Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 41 - 60 of 200   Result page: previous 1 2 **3** 4 5 6 7 8 9 10   next
Best 200 shown

Relevance scale ☐ ▭ ▬ ◼ ■

41 Determining 3-D motion parameters of a rigid body: a vector-geometrical approach (abstract only)
B. L. Yen, T. S. Huang
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(3.92 MB)   Additional Information: full citation, abstract

> A vector-geometrical approach is given for the determination of 3-D motion parameters of a rigid body from point correspondences over 2 time sequential images. The resulting algorithms are similar to existing methods. However, the geometrical interpretations provide much valuable insight into the nature of the problem and the uniqueness question.

42 Determining motion parameters for scenes with translation and rotation (abstract only)
Charles Jerian, Ramesh Jain
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(3.92 MB)   Additional Information: full citation, abstract

> A study of methods that determine the rotation parameters of a camera moving through synthetic and real scenes is conducted. Algorithms that combine ideas of Jain and Prazdny are developed to find translational and rotational parameters. An argument is made for using hypothesized motion parameters rather than relaxation labelling to find correspondence.

43 Tracking three dimensional moving light displays (abstract only)
Michael Jenkin
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(3.92 MB)   Additional Information: full citation, abstract

> A method is presented for tracking the three-dimensional motion of points from their changing two-dimensional perspective images as viewed by a nonconvergent binocular vision system. The algorithm relies on a general smoothness assumption to guide the tracking process, and application of the tracking algorithm to a three-dimensional moving light display based on Cutting's Walker program as well as other domains are discussed.Evidence is presented relating the tracking algorithm to certain belief ...

44
On the estimation of dense displacement vector fields from image sequences

(abstract only)

H. H. Nagel

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

Based on recent experimental as well as theoretical investigations, a generalization of previously published approaches towards the estimation of displacement vector fields is formulated. The calculus of variation allows to transform this approach into a set of two partial differential equations for the two components of the displacement vector field. Some simplifying assumptions facilitate the derivation of an iterative solution approach which can be studied in closed form.

45 Adapting optical-flow to measure object motion in reflectance and x-ray image sequences (abstract only)

Nancy Cornelius, Takeo Kanade

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

This paper adapts Horn and Schunck's work on optical flow to the problem of determining arbitrary motions of objects from 2-dimensional image sequences. The method allows for gradual changes in the way an object appears in the image sequence, and allows for flow discontinuities at object boundaries. We find velocity fields that give estimates of the velocities of objects in the image plane. These velocities are computed from a series of images using information about the spatial and temporal bri ...

46 Complex logarithmic mapping and the focus of expansion (abstract only)

Ramesh Jain

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

Complex logarithmic mapping has been shown to be useful for the size, rotation, and projection invariance of objects in a visual field for an observer translating in the direction of its gaze. Assuming known translational motion of the observer, the ego-motion polar transform was successfully used in segmentation of dynamic scenes. By combining the two transforms one can exploit features of both transforms and remove some of the limitations which restrict the applicability of both. In this paper ...

47 Determining the instantaneous axis of translation from optic flow generated by arbitrary sensor motion (abstract only)

J. H. Rieger, D. T. Lawton

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

This paper develops a simple and robust procedure for determining the instantaneous axis of translation from image sequences induced by unconstrained sensor motion. The procedure is based upon the fact that difference vectors at discontinuities in optic flow fields generated by sensor motion relative to a stationary environment are oriented along translational field lines. This is developed into a procedure consisting of three steps: 1) locally computing difference vectors from an optic flow fie ...

48 Real and apparent motion: one mechanism or two? (abstract only)

Marc Green, Michael von Grunau

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

Two direction selective adaptation experiments were conducted to investigate whether real and apparent motion are processed by a single visual mechanism. Previous studies with real motion have shown that adaptation to a grating drifting in one direction has an effect on perceived motion of subsequently viewed test gratings (the velocity aftereffect) and also selectively raises contrast threshold (direction-specific threshold elevation). We conducted analogous experiments in which observers adapt ...

49 The perception of coherent motion in two-dimensional patterns (abstract only)

Edward H. Adelson, J. Anthony Movshon

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB)   Additional Information: full citation, abstract

When one looks at a two-dimensional scene of moving objects, one can usually assign a velocity to each point in that scene with little effort. This suggests that some early visual processes are able to generate a two-dimensional velocity map using fast parallel computations. But it is not obvious how this should be done, and we are currently trying to understand how the human visual system does it.

50 The Pyramid Match Kernel: Efficient Learning with Sets of Features

Kristen Grauman, Trevor Darrell

May 2007 **The Journal of Machine Learning Research**, Volume 8

Publisher: MIT Press

Full text available: pdf(7.86 MB)   Additional Information: full citation, abstract, index terms

In numerous domains it is useful to represent a single example by the set of the local features or parts that comprise it. However, this representation poses a challenge to many conventional machine learning techniques, since sets may vary in cardinality and elements lack a meaningful ordering. Kernel methods can learn complex functions, but a kernel over unordered set inputs must somehow solve for correspondences---generally a computationally expensive task that becomes impractical for large ...

51 The Pyramid Match Kernel: Efficient Learning with Sets of Features

Kristen Grauman, Trevor Darrell

October 2007 **The Journal of Machine Learning Research**, Volume 8

Publisher: MIT Press

Full text available: pdf(7.86 MB)   Additional Information: full citation, abstract, index terms

In numerous domains it is useful to represent a single example by the set of the local features or parts that comprise it. However, this representation poses a challenge to many conventional machine learning techniques, since sets may vary in cardinality and elements lack a meaningful ordering. Kernel methods can learn complex functions, but a kernel over unordered set inputs must somehow solve for correspondences---generally a computationally expensive task that becomes impractical for large ...

52 Local Discriminant Wavelet Packet Coordinates for Face Recognition

Chao-Chun Liu, Dao-Qing Dai, Hong Yan

May 2007 **The Journal of Machine Learning Research**, Volume 8

Publisher: MIT Press

Full text available: pdf(407.99 KB)   Additional Information: full citation, abstract, references, index terms

Face recognition is a challenging problem due to variations in pose, illumination, and expression. Techniques that can provide effective feature representation with enhanced discriminability are crucial. Wavelets have played an important role in image processing for its ability to capture localized spatial-frequency information of images. In this paper, we propose a novel *local discriminant coordinates* method based on wavelet packet for face recognition to compensate for these variatio ...

53 Local Discriminant Wavelet Packet Coordinates for Face Recognition

Chao-Chun Liu, Dao-Qing Dai, Hong Yan

October 2007 **The Journal of Machine Learning Research**, Volume 8
Publisher: MIT Press
Full text available: 🔁 pdf(408.00 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

Face recognition is a challenging problem due to variations in pose, illumination, and expression. Techniques that can provide effective feature representation with enhanced discriminability are crucial. Wavelets have played an important role in image processing for its ability to capture localized spatial-frequency information of images. In this paper, we propose a novel *local discriminant coordinates* method based on wavelet packet for face recognition to compensate for these variatio ...

54 <u>Very Fast Online Learning of Highly Non Linear Problems</u>   ▬
Aggelos Chariatis
October 2007 **The Journal of Machine Learning Research**, Volume 8
Publisher: MIT Press
Full text available: 🔁 pdf(1.79 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

The experimental investigation on the efficient learning of highly non-linear problems by online training, using ordinary feed forward neural networks and stochastic gradient descent on the errors computed by back-propagation, gives evidence that the most crucial factors for efficient training are the hidden units' differentiation, the attenuation of the hidden units' interference and the selective attention on the parts of the problems where the approximation error remains high. In this repo ...

55 <u>Evolutionary strategies and evolutionary programming: A differential evolution based</u> ▬
    <u>incremental training method for RBF networks</u>
Junhong Liu, Jouni Lampinen
June 2005 **Proceedings of the 2005 conference on Genetic and evolutionary**
         computation GECCO '05
Publisher: ACM Press
Full text available: 🔁 pdf(196.47 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

The Differential Evolution (DE) is a floating-point encoded evolutionary strategy for global optimization. It has been demonstrated to be an efficient, effective, and robust optimization method, especially for problems containing continuous variables. This paper concerns applying a DE-based algorithm to training Radial Basis Function (RBF) networks with variables including centres, weights, and widths of RBFs. The proposed algorithm consists of three steps: the first step is the initial tuning, ...

Keywords: differential evolution, evolutionary strategies, neural networks, optimization, radial basis functions

56 <u>Industry track papers: Learning nonstationary models of normal network traffic for</u> ▬
    <u>detecting novel attacks</u>
Matthew V. Mahoney, Philip K. Chan
July 2002 **Proceedings of the eighth ACM SIGKDD international conference on**
         Knowledge discovery and data mining KDD '02
Publisher: ACM Press
Full text available: 🔁 pdf(1.12 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Traditional intrusion detection systems (IDS) detect attacks by comparing current behavior to signatures of known attacks. One main drawback is the inability of detecting new attacks which do not have known signatures. In this paper we propose a learning algorithm that constructs models of normal behavior from attack-free network traffic. Behavior that deviates from the learned normal model signals possible novel attacks. Our IDS is unique in two respects. First, it is nonstationary, modeling pr ...

57   ▬
    <u>A discriminative global training algorithm for statistical MT</u>

Christoph Tillmann, Tong Zhang

July 2006 **Proceedings of the 21st International Conference on Computational Linguistics and the 44th annual meeting of the ACL ACL '06**

Publisher: Association for Computational Linguistics

Full text available: pdf(194.76 KB)   Additional Information: full citation, abstract, references

This paper presents a novel training algorithm for a linearly-scored block sequence translation model. The key component is a new procedure to directly optimize the global scoring function used by a SMT decoder. No translation, language, or distortion model probabilities are used as in earlier work on SMT. Therefore our method, which employs less domain specific knowledge, is both simpler and more extensible than previous approaches. Moreover, the training procedure treats the decoder as a black ...

58 A block bigram prediction model for statistical machine translation

Christoph Tillmann, Tong Zhang

July 2007 **ACM Transactions on Speech and Language Processing (TSLP)**, Volume 4 Issue 3

Publisher: ACM Press

Full text available: pdf(337.68 KB)   Additional Information: full citation, abstract, references, index terms

In this article, we present a novel training method for a localized phrase-based prediction model for statistical machine translation (SMT). The model predicts block neighbors to carry out a phrase-based translation that explicitly handles local phrase reordering. We use a maximum likelihood criterion to train a log-linear block bigram model which uses real-valued features (e.g., a language model score) as well as binary features based on the block identities themselves (e.g., block bigram fe ...

Keywords: Statistical machine translation, machine learning, maximum entropy, stochastic gradient descent

59 From promoter sequence to expression: a probabilistic framework

Eran Segal, Yoseph Barash, Itamar Simon, Nir Friedman, Daphne Koller

April 2002 **Proceedings of the sixth annual international conference on Computational biology RECOMB '02**

Publisher: ACM Press

Full text available: pdf(3.22 MB)   Additional Information: full citation, abstract, citings, index terms

We present a probabilistic framework that models the process by which transcriptional binding explains the mRNA expression of different genes. Our joint probabilistic model unifies the two key components of this process: the prediction of gene regulation events from sequence motifs in the gene's promoter region, and the prediction of mRNA expression from combinations of gene regulation events in different settings. Our approach has several advantages. By learning promoter sequence motifs that ar ...

60 Social interaction: From entry to access: how shareability comes about

Eva Hornecker, Paul Marshall, Yvonne Rogers

August 2007 **Proceedings of the 2007 conference on Designing pleasurable products and interfaces DPPI '07**

Publisher: ACM

Full text available: pdf(862.89 KB)   Additional Information: full citation, abstract, references, index terms

Shareability is a design principle that refers to how a system, interface, or device engages a group of collocated, co-present users in shared interactions around the same content (or the same object). This is broken down in terms of a set of components that facilitate or constrain the way an interface (or product) is made shareable. Central are the notions of access points and entry points. Entry points invite and entice people into engagement, providing an advance overview, minimal barriers ...

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player

USPTO Patent Full-Text and Image Database

Home	Quick	Advanced	Pat Num	Help

Next List	Bottom	View Cart

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 1 through 50 out of 381

Next 50 Hits

Jump To	[ ]

Refine Search	("training" OR train OR learn) AND (sniff or smell OR

	PAT. NO.	Title
1	7,313,447 T	Temporary expanding integrated monitoring network
2	7,313,442 T	Method of treating mood disorders and/or anxiety disorders by brain stimulation
3	7,305,581 T	Service clusters and method in a processing system with failover capability
4	7,305,389 T	Content propagation for enhanced document retrieval
5	7,301,453 T	Locator system and method
6	7,295,552 T	Cluster switching architecture
7	7,295,124 T	Reflex tester and method for measurement
8	7,293,002 T	Self-organizing data driven learning hardware with local interconnections
9	7,290,367 T	Tear resistant gel articles for various uses
10	7,290,285 T	Systems and methods for distributing and viewing electronic documents
11	7,290,072 T	Protocols and standards for USB peripheral communications
12	7,289,985 T	Enhanced document retrieval
13	7,288,265 T	Treating viral infection at smallpox vaccination site
14	7,282,225 T	Composition and methods for improving retinal health
15	7,280,975 T	System and method for determining and/or transmitting and/or establishing communication with a mobile device user for providing, for example, concessions, tournaments, competitions, matching, reallocating, upgrading, selling tickets, other event admittance means, goods and/or services
16	7,279,585 T	Lipophilic electrophoretic probes
17	7,279,493 T	Therapeutic agents useful for treating pain
18	7,277,822 T	Embedded system for diagnostics and prognostics of conduits
19	7,272,530 T	System for monitoring an environment
20	7,269,573 T	Virtual-product presentation system

21 7,263,474 T Cultural simulation model for modeling of agent behavioral expression and simulation data visualization methods

22 7,263,102 T Multi-path gateway communications device

23 7,262,194 T Therapeutic agents useful for treating pain

24 7,260,568 T Verifying relevance between keywords and web site contents

25 7,256,193 T Therapeutic agents useful for treating pain

26 7,248,972 T Computer code for portable sensing

27 7,248,171 T RFID systems for automatically triggering and delivering stimuli

28 7,243,649 T Anesthesia administration mask and eye shield

29 7,242,152 T Systems and methods of controlling light systems

30 7,240,191 T Method and apparatus for initializing security information on a network device

31 7,231,430 T Reconfigurable, virtual processing system, cluster, network and method

32 7,231,060 T Systems and methods of generating control signals

33 7,230,155 T Method for identifying an agonist of neuronal calcium sensor-1 (NCS-1), for therapy of CNS disorders

34 7,226,292 T Computer enabled training of a user to validate assumptions

35 7,224,698 T Edge side assembler

36 7,216,335 T Operational semantics rules for governing evolution of processes and queries as processes

37 7,216,109 T System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services

38 7,209,153 T System and method of representing personal profile in auditory form

39 7,206,559 T System and method for a mobile computing device to control appliances

40 7,204,425 T Enhanced identification appliance

41 7,203,907 T Multi-modal synchronization

42 7,203,665 T System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services

43 7,202,613 T Controlled lighting methods and apparatus

44 7,200,889 T Device and process for cleaning electrified contact rail insulators for rail rapid transit systems

45 7,200,614 T Dual information system for contact center users

46 7,198,008 T Device for the training of scent discriminating detector dogs

47 7,197,502 T Machine-implemented activity management system using asynchronously shared activity data objects and journal data items

48 7,194,466 T Object clustering using inter-layer links

49 7,189,353 T Use of spatiotemporal response behavior in sensor arrays to detect analytes in fluids

50 7,177,851 T Method and apparatus for dynamic, real-time market segmentation

---

[Next List] [Top] [View Cart]

[Home] [Quick] [Advanced] [Pat Num] [Help]

USPTO Patent Full-Text and Image Database

| Home | Quick | Advanced | Pat Num | Help |

| Prev. List | Next List | Bottom | View Cart |

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 51 through 100 out of 381

Prev. 50 Hits

Next 50 Hits

Jump To

Refine Search | ("training" OR train OR learn) AND (sniff or smell OR

PAT. NO.	Title
51	7,177,814 T Dynamic grammar for voice-enabled applications
52	7,174,390 T Address resolution protocol system and method in a virtual network
53	7,167,815 T Measuring the intensity of odors
54	7,162,454 T System and method for reallocating and/or upgrading and/or selling tickets, other even admittance means, goods and/or services
55	7,161,313 T Light emitting diode based products
56	7,149,961 T Automatic generation of presentations from "path-enhanced" multimedia
57	7,146,218 T Adaptive method and apparatus for forecasting and controlling neurological disturbances under a multi-level control
58	7,145,898 T System, method and article of manufacture for selecting a gateway of a hybrid communication system architecture
59	7,144,553 T Use of an array of polymeric sensors of varying thickness for detecting analytes in fluids
60	7,141,549 T Proteins and nucleic acids encoding same
61	7,136,716 T Method for providing control to an industrial process using one or more multidimensional variables
62	7,130,763 T Identification of effective elements in complex systems
63	7,129,166 T Method of forming an electronic device
64	7,122,152 T Spatiotemporal and geometric optimization of sensor arrays for detecting analytes fluids
65	7,122,018 T Device and method for treatment of wounds with nitric oxide
66	7,122,004 T Method and apparatus of enhancing learning capacity

67 7,117,487 T Structural equivalence of expressions containing processes and queries

68 7,115,884 T Self-encoding fiber optic sensor

69 7,115,653 T Small organic molecule regulators of cell proliferation

70 7,107,347 T Method and apparatus for network deception/emulation

71 7,098,891 T Method for providing human input to a computer

72 7,092,928 T Intelligent portal engine

73 7,091,856 T Monitoring access via a passage

74 7,089,780 T Apparatus, systems and methods for detecting and transmitting sensory data over a computer network

75 7,089,763 T Portable, potable water recovery and dispensing apparatus

76 7,088,727 T System and method for establishing network connection with unknown network and/or user device

77 7,079,688 T Pattern recognition

78 7,078,046 T Electrostatically-sprayable topical compositions having insulating external phase and conductive internal phase

79 7,076,371 T Non-invasive diagnostic and monitoring method and apparatus based on odor detection

80 7,073,129 T Automated selection of appropriate information based on a computer user's context

81 7,071,335 T 2-pyridinyl-1-piperazine therapeutic agents useful for treating pain

82 7,069,265 T Information coding and retrieval system and method thereof

83 7,068,789 T Peer-to-peer name resolution protocol (PNRP) group security infrastructure and method

84 7,065,082 T Content-based forwarding/filtering in a network switching device

85 7,063,535 T System and method for facilitating early childhood brain development

86 7,062,508 T Method and computer-based system for non-probabilistic hypothesis generation and verification

87 7,062,505 T Content management system for the telecommunications industry

88 7,056,124 T Method and system for creating, administering and automating scoring of dimensional modeling constructed response items

89 7,055,142 T Permutation nuances of the integration of processes and queries as processes at queues

90 7,050,990 T Information distribution system

91 7,050,955 T System, method and data structure for simulated interaction with graphical objects

92 7,050,889 T Method and system for a computer controlled racing network

93 7,048,953 T Methods and apparatus to prevent, treat and cure infections of the human respiratory system by pathogens causing severe acute respiratory syndrome (SARS)

94 7,046,151 T Interactive body suit and interactive limb covers

95 7,043,535 T Systems and methods for combined browsing and searching in a document collection based on information scent

96 7,032,115 T Information processing apparatus and method

97 7,031,945 T System and method for reallocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services

98 7,031,778 T Temporary expanding integrated monitoring network

99 7,028,844 T Dried lavender flower separator system and method

100 7,019,753 T Textual and graphical demarcation of location from an environmental database, and interpretation of measurements including descriptive metrics and qualitative values
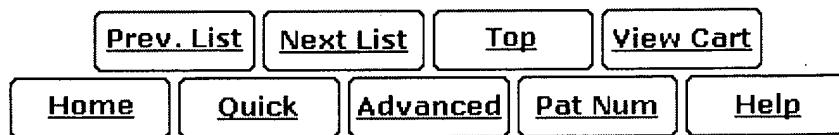
Prev. List | Next List | Top | View Cart

Home | Quick | Advanced | Pat Num | Help

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home	Quick	Advanced	Pat Num	Help

Prev. List	Next List	Bottom	View Cart

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 101 through 150 out of 381

Prev. 50 Hits

Next 50 Hits

Jump To

Refine Search | ("training" OR train OR learn) AND (sniff or smell OR

PAT. NO.		Title
101	7,016,882 T	Method and apparatus for evolutionary design
102	7,016,325 T	Link context mobility method and system for providing such mobility, such as a system employing short range frequency hopping spread spectrum wireless protocols
103	7,013,290 T	Personalized interactive digital catalog profiling
104	7,007,856 T	Extended engine off passenger climate control system and method
105	7,006,446 T	Detection of duplicate participants in a two-way modem environment
106	7,002,265 T	Power supply methods and configurations
107	6,996,261 T	Methods for physiological monitoring, training, exercise and regulation
108	6,991,901 T	Proteins and nucleic acids encoding same
109	6,989,831 T	Method for simulating multi-layer obscuration from a viewpoint
110	6,986,294 T	Bulk materials management apparatus and method
111	6,985,779 T	Monitoring system for an industrial process using one or more multidimensional variables
112	6,984,524 T	Chemiluminescent detection of explosives, narcotics, and other chemical substances
113	6,978,212 T	System for portable sensing
114	6,975,944 T	Method and apparatus for monitoring materials used in electronics
115	6,974,818 T	1,2,5-thiadiazol-3-YL-piperazine therapeutic agents useful for treating pain
116	6,973,628 T	Image displaying apparatus and image displaying method and program medium
117	6,971,044 T	Service clusters and method in a processing system with failover capability
118	6,965,868 T	System and method for promoting commerce, including sales agent assisted commerce, in a networked economy

119 6,965,205 T Light emitting diode based products

120 6,964,849 T Proteins and nucleic acids encoding same

121 6,962,675 T Use of spatiotemporal response behavior in sensor arrays to detect analytes in fluids

122 6,962,495 T Computer enabled training of a user to validate assumptions

123 6,959,166 T Interactive toy

124 6,949,089 T Method of providing a series of disposable absorbent articles to consumers

125 6,947,790 T Neurocognitive function EEG measurement method and system

126 6,947,761 T Method and system for improving the efficiency of state information transfer over a wireless communications network

127 6,946,300 T Multi-modal detection of explosives, narcotics, and other chemical substances

128 6,946,196 T Anti-microbial fiber and fibrous products

129 6,926,708 T Female clean intermittent catheter system

130 6,922,559 T Unlicensed wireless communications base station to facilitate unlicensed and licensed wireless communications with a subscriber device, and method of operation

131 6,917,845 T Method for monitoring environmental condition using a mathematical model

132 6,909,708 T System, method and article of manufacture for a communication system architecture including video conferencing

133 6,904,110 T Channel equalization system and method

134 6,895,338 T Measuring and analyzing multi-dimensional sensory information for identification purposes

135 6,895,305 T Robotic apparatus and wireless communication system

136 6,890,715 T Sensors of conducting and insulating composites

137 6,890,304 T Device for diagnosing physiological state and device for controlling the same

138 6,885,317 T Touch-typable devices based on ambiguous codes and methods to design such devices

139 6,884,238 T Method of providing a series of disposable absorbent articles to consumers

140 6,875,453 T Non-toxic disinfectant containing a isopropyl alcohol and sesame oil composition with lemon oil and menthol

141 6,874,029 T Method and system for mediating interactive services over a wireless communications network

142 6,865,563 T Neuron network modeling

143 6,865,509 T System for providing control to an industrial process using one or more multidimensional variables

144 6,865,368 T System and method for producing educational material

145 6,864,261 T Therapeutic agents useful for treating pain

146 6,863,535 T Personal mnemonic generator

147 6,853,920 T Control for an industrial process using one or more multidimensional variables

148 6,843,158 T Method and apparatus for detecting target objects

149 6,840,379 T Male clean intermittent catheter system

150 6,837,095 T Apparatus, systems and methods for detecting and transmitting sensory data over a computer network

---

USPTO Patent Full-Text and Image Database

Home	Quick	Advanced	Pat Num	Help

Prev. List	Next List	Bottom	View Cart

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 151 through 200 out of 381

Prev. 50 Hits

Next 50 Hits

Jump To

Refine Search | ("training" OR train OR learn) AND (sniff or smell OR

PAT. NO.		Title
151 6,821,526	T	Compositions and devices using a spinosyn compound for control of insects
152 6,820,012	T	Computer code for portable sensing
153 6,817,980	T	Automated diagnostic system and method including disease timeline
154 6,810,017	T	Graphical user interface system and method for organized network analysis
155 6,809,744	T	Method for simulating flow of an extinguishing agent
156 6,809,743	T	Method of generating three-dimensional fire and smoke plume for graphical display
157 6,807,159	T	Methodology for managing power consumption in master driven time division duplex wireless network
158 6,805,865	T	Compositions and methods for treating cancer and hyperproliferative disorders
159 6,797,944	T	Laser desorption and detection of explosives, narcotics, and other chemical substances
160 6,795,688	T	Method and system for personal area network (PAN) degrees of mobility-based configuration
161 6,794,440	T	Tear resistant gelatinous elastomer compositions and articles for use as fishing bait
162 6,780,213	T	Personal air cleaning apparatus
163 6,775,663	T	Information coding and retrieval system and method thereof
164 6,769,013	T	Distributed system for interactive collaboration
165 6,767,325	T	Automated diagnostic system and method including synergies
166 6,764,447	T	Automated diagnostic system and method including alternative symptoms
167 6,759,206	T	System for cell-based screening
168 6,759,010	T	Use of an array of polymeric sensors of varying thickness for detecting analytes in

fluids

169 6,754,181 T System and method for a directory service supporting a hybrid communication system architecture

170 6,748,316 T Apparatus and method for presenting navigation information based on instructions described in a script

171 6,746,960 T Electronic techniques for analyte detection

172 6,746,399 T Automated diagnostic system and method including encoding patient data

173 6,736,642 T Computer enabled training of a user to validate assumptions

174 6,735,830 T Ion generating device

175 6,731,625 T System, method and article of manufacture for a call back architecture in a hybrid network with support for internet telephony

176 6,730,027 T Automated diagnostic system and method including multiple diagnostic modes

177 6,728,219 T Graphical user interface system and method for visually gauging network performance

178 6,726,935 T Pharmaceutical composition for preventing and treating erectile impotence using purified sumsoo extract

179 6,723,428 T Anti-microbial fiber and fibrous products

180 6,721,681 T Chronometric, communication, identification, and tracking tag

181 6,713,389 T Method of forming an electronic device

182 6,707,794 T Method, system and computer program product for physical link layer handshake protocol analysis

183 6,705,872 T Method and system for creating and maintaining assessments

184 6,702,743 T Ultrasound apparatus and method for tissue resonance analysis

185 6,697,731 T Apparatus and method for presenting navigation information based on instructions described in a script

186 6,696,495 T Treatment of disorders secondary to organic impairments

187 6,678,312 T Method for extending digital receiver sensitivity using analog correlation

188 6,668,167 T Method and apparatus for sharing mobile user event information between wireless networks and fixed IP networks

189 6,652,457 T Stimulus-response conditioning process

190 6,649,416 T Intelligent electro-optical sensor array and method for analyte detection

191 6,647,426 T Apparatus and method for integrating an unlicensed wireless communications system and a licensed wireless communications system

192 6,647,298 T Implantable medical device with variable incoming communication signal discrimination, and method for operating same

193 6,640,976 T Male clean intermittent catheter system

194 6,638,317 T Apparatus and method for generating digest according to hierarchical structure of topic

195 6,637,372 T Apparatus and methods for testing pain sensitivity

196 6,632,461 T Use of tropical root crops in effective intervention strategies for treating difficult and complex cases and chronic diseases

197 6,631,333 T Methods for remote characterization of an odor

198 6,627,154 T Electronic techniques for analyte detection

199 6,625,500 T Self-optimizing method and machine

200 6,611,525 T Apparatus for and method of learning MAC addresses in a LAN emulation network
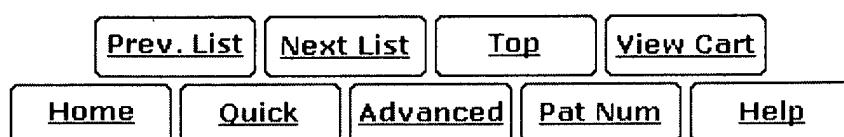
Prev. List | Next List | Top | View Cart

Home | Quick | Advanced | Pat Num | Help

USPTO Patent Full-Text and Image Database

Home	Quick	Advanced	Pat Num	Help

Prev. List	Next List	Bottom	View Cart

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 201 through 250 out of 381

[Prev. 50 Hits]

[Next 50 Hits]

[Jump To] [   ]

[Refine Search] [("training" OR train OR learn) AND (sniff or smell OR]

PAT. NO.	Title
201	6,610,511 **T** Drosophila odorant receptors
202	6,610,367 **T** Use of an array of polymeric sensors of varying thickness for detecting analytes in fluids
203	6,607,382 **T** Methods and systems for concurrent tooth repositioning and substance delivery
204	6,606,664 **T** Computer architecture for managing courseware in a shared use operating environment
205	6,606,566 **T** Computer code for portable sensing
206	6,604,094 **T** Simulating human intelligence in computers using natural language dialog
207	6,602,463 **T** Scented room with an airflow with varying fragrances
208	6,598,459 **T** Artificial olfactory system
209	6,596,756 **T** Treatment of fibromyalgia
210	6,594,524 **T** Adaptive method and apparatus for forecasting and controlling neurological disturbances under a multi-level control
211	6,594,382 **T** Neural sensors
212	6,585,990 **T** Compositions and devices using a spinosyn compound for control of insects
213	6,585,896 **T** Methods and apparatus for molecular induction technology to create changes in the energetic characteristics of various materials, and their use in the production of molecular changes in other media
214	6,581,324 **T** Method of controlling pests and associated apparatus
215	6,575,902 **T** Vigilance monitoring system
216	6,571,650 **T** Variable headspace sampling system
217	6,569,093 **T** Automated diagnostic system and method including disease timeline

218 6,558,682 T Discontinuous films from skin care compositions

219 6,558,164 T Method and system for simulating travel

220 6,553,355 T AUTOPOIETIC NETWORK SYSTEM ENDOWED WITH DISTRIBUTED ARTIFICIAL INTELLIGENCE FOR THE SUPPLY OF HIGH VOLUME HIGH-SPEED MULTIMEDIA TELESTHESIA TELEMETRY, TELEKINESIS, TELEPRESENCE, TELEMANAGEMENT, TELECOMMUNICATIONS, AND DATA PROCESSING SERVICES

221 6,544,485 T Electro-kinetic device with enhanced anti-microorganism capability

222 6,543,365 T Non-lethal projectile systems

223 6,539,296 T Land vehicle communications system and process for providing information and coordinating vehicle activities

224 6,537,497 T Method and composition for detecting ignitable liquids

225 6,531,142 T Stable, electrostatically sprayable topical compositions

226 6,527,713 T Automated diagnostic system and method including alternative symptoms

227 6,524,241 T Automated diagnostic system and method including multiple diagnostic modes

228 6,523,034 T Method for increasing traffic on an electronic site of a system of networked computers

229 6,519,596 T System for increasing traffic on an electronic site of a system of networked computers

230 6,514,504 T Discontinuous films from skin care compositions

231 6,506,801 T Methods of treating anosmia and repopulating olfactory nerves with retinoids

232 6,503,831 T Method of forming an electronic device

233 6,500,008 T Augmented reality-based firefighter training system and method

234 6,497,890 T Anti-wrinkle preparation and method of reducing wrinkles in facial skin and neck

235 6,490,276 T Stackable switch port collapse mechanism

236 6,487,545 T Methods and apparatus for classifying terminology utilizing a knowledge catalog

237 6,479,509 T Method of promoting smoking cessation

238 6,475,143 T Automated diagnostic system and method including encoding patient data

239 6,468,210 T Automated diagnostic system and method including synergies

240 6,461,626 T Wear resistant topical compositions having improved feel

241 6,459,175 T Universal power supply

242 6,455,319 T Use of spatiotemporal response behavior in sensor arrays to detect analytes in fluids

243 6,431,122 T Wireless confinement and training system for an animal

244 6,430,486 T Land vehicle communications system and process for providing information and coordinating vehicle activities

245 6,428,004 T Pregnancy and childbirth educational board game

246 6,427,101 T Land vehicle communications system and process for providing information and coordinating vehicle activities

247 6,425,581 T Map puzzle game

248 6,424,333 T Tactile feedback man-machine interface device

249 6,422,061 T Apparatus, systems and methods for detecting and transmitting sensory data over a computer network

250 6,387,329 T Use of an array of polymeric sensors of varying thickness for detecting analytes in fluids

Home **Quick** **Advanced** **Pat Num** **Help**

USPTO Patent Full-Text and Image Database

| Home | Quick | Advanced | Pat Num | Help |

| Prev. List | Next List | Bottom | View Cart |

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 251 through 300 out of 381

| Prev. 50 Hits |

| Next 50 Hits |

| Jump To | [   ] |

| Refine Search | ("training" OR train OR learn) AND (sniff or smell OR |

PAT. NO.	Title
251 6,382,070 **T**	Method and apparatus for deactivating active landminds
252 6,377,721 **T**	Biosensor array comprising cell populations confined to microcavities
253 6,366,622 **T**	Apparatus and method for wireless communications
254 6,366,296 **T**	Media browser using multimodal analysis
255 6,361,785 **T**	Method and compositions for treatment of fungal nail disease
256 6,361,501 **T**	Pulse wave diagnosing device
257 6,356,822 **T**	Land vehicle communications system and process for providing information and coordinating vehicle activities
258 6,352,980 **T**	Estrenes for inducting hypothalamic effects
259 6,347,087 **T**	Content-based forwarding/filtering in a network switching device
260 6,344,190 **T**	Method and compositions for treatment of fungal nail disease
261 6,341,372 **T**	Universal machine translator of arbitrary languages
262 6,336,072 **T**	Apparatus and method for presenting navigation information based on instructions described in a script
263 6,335,927 **T**	System and method for providing requested quality of service in a hybrid network
264 6,331,534 **T**	Steroids as neurochemical stimulators of the VNO to alleviate pain
265 6,328,694 **T**	Ultrasound apparatus and method for tissue resonance analysis
266 6,325,475 **T**	Devices for presenting airborne materials to the nose
267 6,325,066 **T**	Bladder and bowel training system with removable voice module system
268 6,325,012 **T**	Bubble type submarine cabin
269 6,322,365 **T**	Network-linked laser target firearm training system

270 6,315,569 **T** Metaphor elicitation technique with physiological function monitoring

271 6,301,564 **T** Dimensional dining restaurant management system

272 6,292,830 **T** System for optimizing interaction among agents acting on multiple levels

273 6,282,573 **T** Computer architecture for managing courseware in a shared use operating environment

274 6,275,806 **T** System method and article of manufacture for detecting emotion in voice signals by utilizing statistics for voice signal parameters

275 6,275,213 **T** Tactile feedback man-machine interface device

276 6,259,889 **T** Active symbolic self design method and apparatus

277 6,251,588 **T** Method for evaluating oligonucleotide probe sequences

278 6,244,217 **T** Method of expanding grazing range and an animal feed supplement for use therein

279 6,233,545 **T** Universal machine translator of arbitrary languages utilizing epistemic moments

280 6,227,931 **T** Electronic interactive play environment for toy characters

281 6,199,034 **T** Methods and apparatus for determining theme for discourse

282 6,196,156 **T** Bedding articles possessing microbe-inhibiting properties

283 6,172,941 **T** Method to generate self-organizing processes in autonomous mechanisms and organisms

284 6,170,014 **T** Computer architecture for managing courseware in a shared use operating environment

285 6,164,278 **T** Taste-based approach to the prevention of teeth clenching and grinding

286 6,160,986 **T** Interactive toy

287 6,151,571 **T** System, method and article of manufacture for detecting emotion in voice signals through analysis of a plurality of voice signal parameters

288 6,140,316 **T** Estrene steroids as neurochemical initiators of change in human hypothalamic function and related pharmaceutical compositions

289 6,130,892 **T** Nomadic translator or router

290 6,126,595 **T** Device for diagnosing physiological state and device for controlling the same

291 6,117,860 **T** Steroids as neurochemical stimulators of the VNO to treat paroxistic tachycardia

292 6,099,319 **T** Neuroimaging as a marketing tool

293 6,097,927 **T** Active symbolic self design method and apparatus

294 6,088,017 **T** Tactile feedback man-machine interface device

295 6,085,195 **T** Internet photo booth

296 6,081,742 **T** Organism state measuring device and relaxation instructing device

297 6,074,213 **T** Fractional process simulator with remote apparatus for multi-locational training of medical teams

298 6,066,627 **T** Steroids as neurochemical initiators of change in human blood levels of LH

299 6,057,439 **T** Steroids as neurochemical stimulators of the VNO to alleviate symptoms of PMS and anxiety

300 6,053,951 **T** Man/machine interface graphical code generation wizard for automatically creating MMI graphical programs

---

| Prev. List | Next List | Top | View Cart |

| Home | Quick | Advanced | Pat Num | Help |

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home	Quick	Advanced	Pat Num	Help

Prev. List	Next List	Bottom	View Cart

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 301 through 350 out of 381

Prev. 50 Hits

Final 31 Hits

Jump To	

Refine Search	("training" OR train OR learn) AND (sniff or smell OR

PAT. NO.	Title
301 6,050,822 T	Electromagnetic locomotion platform for translation and total immersion of humans into virtual environments
302 6,041,292 T	Real time stenographic system utilizing vowel omission principle
303 6,036,966 T	Skin treatment compositions comprising protein and enzyme extracts
304 6,027,344 T	Simulant training kit for recognizing hazardous materials
305 6,026,243 T	Sensuous expression translation system
306 5,999,525 T	Method for video telephony over a hybrid network
307 5,994,568 T	Estrenes for inducing hypothalamic effects
308 5,982,352 T	Method for providing human input to a computer
309 5,976,547 T	Analgesic and antiphlogistic compositions and therapeutic wrap for topical delivery
310 5,971,977 T	Surgical laser smoke plume evacuator
311 5,969,168 T	Androstanes for inducing hypothalamic effects
312 5,965,552 T	Androstane steroids as neurochemical initators of change in human hypothalamic compositions and methods
313 5,943,663 T	Data processing method and system utilizing parallel processing
314 5,941,873 T	Surgical laser smoke plume evacuator
315 5,940,529 T	Self-organizing circuits
316 5,939,570 T	Estrenes for inducing hypothalamic effects
317 5,925,774 T	Estrenes for inducing hypothalamic effects
318 5,922,359 T	Skin treatment compositions comprising unoxidized nerve tissue
319 5,904,916 T	Use of odorants to alter learning capacity

320 5,894,818 **T** Electric animal repelling and training device

321 5,883,087 **T** Androstane steroids as neurochemical initiators of change in human hypothalamic function and related pharmaceutical compositions and methods

322 5,872,090 **T** Stain removal with bleach

323 5,867,495 **T** System, method and article of manufacture for communications utilizing calling, plans in a hybrid network

324 5,867,494 **T** System, method and article of manufacture with integrated video conferencing billing in a communication system architecture

325 5,852,029 **T** Aza spiro compounds acting on the cholinergic system with muscarinic agonist activity

326 5,849,526 **T** Use of linalool synthase in genetic engineering of scent production

327 5,833,600 **T** Method of diagnosing amygdala related transitory disorders and treatment thereof

328 5,814,798 **T** Method and apparatus for personal attribute selection and management using prediction

329 5,792,796 **T** Methods for treating anxiety and panic

330 5,788,982 **T** Method and composition for treating oral pain using capsaicin

331 5,786,385 **T** Polyacetylenes

332 5,783,571 **T** Method of altering hypothalamic function by nasal administration of estrene steroids

333 5,782,692 **T** Time-segmented multimedia game playing and authoring system

334 5,759,044 **T** Methods and apparatus for generating and processing synthetic and absolute real time environments

335 5,744,321 **T** Detection of fish spoilage by colorimetry

336 5,733,572 **T** Gas and gaseous precursor filled microspheres as topical and subcutaneous delivery vehicles

337 5,722,418 **T** Method for mediating social and behavioral processes in medicine and business through an interactive telecommunications guidance system

338 5,707,334 **T** Method of treating amygdala related transitory disorders

339 5,675,225 **T** Interactive pet toy

340 5,648,636 **T** Non-detonable and non-explosive explosive simulators

341 5,633,484 **T** Method and apparatus for personal attribute selection and management using a preference memory

342 5,633,392 **T** Estrenes for inducing hypothalamic effects

343 5,630,159 **T** Method and apparatus for personal attribute selection having delay management method and apparatus for preference establishment when preferences in a donor device are unavailable

344 5,620,463 **T** Electrophysiological conditioning system and method

345 5,613,909 **T** Time-segmented multimedia game playing and authoring system

346 5,601,909 **T** Permanent electrode carrier using tourmaline

347 5,565,148 **T** Device for selectively providing a multiplicity of aromas

348 5,546,475 **T** Produce recognition system

349 5,534,520 **T** Spiro compounds containing five-membered rings

350 5,513,130 **T** Methods and apparatus for generating and processing synthetic and absolute real time environments

---

Prev. List | Next List | Top | View Cart

USPTO Patent Full-Text and Image Database

Home	Quick	Advanced	Pat Num	Help

Prev. List	Bottom	View Cart

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
(((("training" OR train) OR learn) AND ((sniff OR smell) OR scent)) AND (local OR localized)):
381 patents.
Hits 351 through 381 out of 381

Prev. 50 Hits

Jump To	[ ]

Refine Search	("training" OR train OR learn) AND (sniff or smell OR

PAT. NO.		Title
351	5,503,161	T Universal medical instrument based on spectrum analysis
352	5,495,602	T Information processing apparatus operated by using feeling expression words
353	5,485,792	T Latent image development system
354	5,484,293	T Mobile learning laboratory for multi-discipline self-study
355	5,443,076	T Means for enhancing the productivity of video telecommunication systems
356	5,425,374	T Device and method for expiratory air examination
357	5,413,812	T Method for fabricating non-detonable explosive simulants
358	5,403,263	T Method of reducing the recovery time and stress associated with surgery
359	5,359,936	T Non-detonable explosive simulators
360	5,287,537	T Distributed processing system having plural computers each using identical retaining information to identify another computer for executing a received command
361	5,255,211	T Methods and apparatus for generating and processing synthetic and absolute real time environments
362	5,174,042	T Garbage disposer utilizing microwave heating
363	5,159,928	T Method and apparatus for measuring and controlling the level of hormones in an animal circulatory system
364	5,150,724	T Method of making non-nicotine cigarettes
365	5,149,399	T Liquid evaporator
366	5,137,744	T Process and system for the improvement of edible fiber and product
367	5,137,687	T Process for odor control
368	5,112,638	T Process for the improvement of edible fiber and product
369	5,071,622	T Process for odor control
370	5,035,743	T Desensitizing ink for the printing of self-copying sheets

371 5,016,162 **T** Contention revolution in a digital computer system

372 4,920,483 **T** A computer memory for accessing any word-sized group of contiguous bits

373 4,570,640 **T** Sensory monitoring apparatus and method

374 4,368,459 **T** Educational apparatus and method for control of deaf individuals in a mixed teaching environment

375 4,363,448 **T** Milling of cereals and the like

376 4,269,758 **T** Method for hardening a composition particularly intended for making foundry cores and moulds

377 4,044,099 **T** Polluted air effluent incinerating method

378 3,960,504 **T** Polluted air effluent incinerating apparatus

379 3,791,790 **T** PORTABLE PURIFICATION DEVICE FOR FLUIDS

380 3,751,629 **T** SURFACE HEATING DEVICE

381 3,573,430 **T** SURFACE HEATING DEVICE

| Prev. List | Top | View Cart |

| Home | Quick | Advanced | Pat Num | Help |